

MICHAEL SANDERS

DATA ANALYST

Summary

Recent graduate of General Assembly's Data Science Immersive program, where I learned the fundamentals of data analysis, machine learning and statistical modeling. I am looking for a role where I can use my skills to identify exciting areas for growth and provide detailed and insightful analysis of products.

Education

General Assembly

Data Science Immersive July 2016

Course content focused on aggregating and cleaning data, as well as performing statistical analysis using Python and its associated libraries and tools, data visualization, machine learning and modeling techniques. Collected, extracted, queried, cleaned, and aggregated data for in-class labs and weekly projects. Built, implemented and evaluated data science problems using appropriate models and algorithms for in-class labs and weekly course projects. Developed both technical and non-technical analytic writing and presentation skills. Capstone: Aggregated data on every fight in UFC history. Used multinomial classification models, including kNN, Decision Tree Classifiers and Logistic Regression, to analyze and predict fight outcomes.

Boston College

Bachelor of Science in Management June 2010

Concentration in Marketing including Market Research, Public Relations and Advertising. Other courses included Operations Management, Financial and Managerial Accounting and Basic Finance.

Experience

Sega Networks Inc. · San Francisco, CA

Oct 2015 to Mar 2016

Embedded Quality Assurance Analyst

- Used statistical analysis to create weekly reports which communicated to stakeholders the current status of the project
- As primary QA Analyst, worked side-by-side with engineers, designers, producers, artists and product managers to ensure timely and quality client releases on War Pirates
- Developed and distributed test plans and daily tasks for use by offshore QA
- Created and maintained a release schedule of client and server side releases
- Fixed spelling, grammar and translation bugs in the English localization repository for deployment on development and live servers

Zynga Inc. · San Francisco, CA

Aug 2014 to Oct 2015

Quality Assurance Analyst/User Retention QA POC

- On both the Words on Tour and New Words with Friends teams, worked side-by-side with engineers, designers, producers, artists and product managers to ensure timely and quality client releases
- Acted as the point of contact between offsite developers and in house and offshore QA working on user retention and user growth features for New Words with Friends
- Created and maintained test plans and release schedules of client and feature releases

Disney Interactive · Palo Alto, CA

May 2013 to Aug 2014

Embedded Quality Assurance Analyst

- After a large downsizing, coordinated with both internal and external resources to help handle the sunseting or transition of multiple titles
- As an embedded tester, served as the main point of contact between the development team and central QA to help prioritize tasks for Tiny Death Star
- Worked side-by-side with engineers, designers, producers, artists and product managers to ensure timely and quality client releases on multiple titles
- Organized testing for regular server side content releases, A/B tests and limited time events
- Created and maintained test plans

Zynga Inc. · San Francisco, CA

Apr 2012 to Apr 2013

Quality Assurance Analyst and Device Coordinator

- As part of the Words with Friends team, worked side-by-side with engineers, designers, producers, artists and product managers to ensure timely and quality client releases
- Managed inventory and tracked devices loaned to development team to ensure timely return
- On several occasions, served as acting Lead when Leads were out of office for an extended period of time

Contact

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Skills

LANGUAGES

Python (Sci-kit Learn, Pandas, Statsmodels)

SQL

R

TOOLS

Git

Excel

Amazon Web Services

Scrapy

Jira

Scrum/Agile Development

DATA VISUALIZATION

Seaborn

Matplotlib

Tableau

Projects

DSI Capstone: UFC Fight Analyzer/Result Predictor

- Scraped, aggregated and merged disparate sources of UFC competitor and competition data
- Used multinomial statistical classification models, including kNN, Decision Tree Classifiers and Logistic Regression to aide in the prediction of UFC match outcomes

Awards

Boy Scouts of America · Eagle Scout Feb 2006